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PAJ 08-01-02 02244779 JP **DATA RECEIVING AND OPERATING DEVICE FOR USB AND ITS SLAVE MACHINE**

**INVENTOR(S)**- TATSUNO, YUICHI; TAKABAYASHI, YASUTAKA; SHIONOYA, HIDEKI

PATENT APPLICATION NUMBER- 2001044552

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INTERNATIONAL PATENT CLASS- G06F00300; G06F00100; H04B00354; H04L01240

APPLICANT(S)- TATSUNO YUICHI; TAKABAYASHI YASUTAKA; SHIONOYA HIDEKI

PUBLICATION COUNTRY- Japan NDN- 043-0258-3112-1

**PROBLEM TO BE SOLVED:** To provide a data receiving and operation device capable of connecting to multiple USB devices, attracting a user's attention to the USB device by dynamic physical change in the USB device, and confirming the data receiving.

**SOLUTION:** This data receiving and operating device 1 is provided with a controller 11 receiving the prescribed data from the USB interface 3 via a cable 4 including a power line Vcc, a control part 12 connected to the power line Vcc, an output part 14 connected to the control part 12 via the power line Vcc, an operating part 13 connected to the power line Vcc, and an outer packaging body 15 packaging, at least, the operating part 13 and having a shape such as an animal, a plant, a potbellied shape, or an electric apparatus. The operating part 13 is provided with an outer packaging body changing mechanism physically changing the outer packaging body 15 by a power control function of the control part 12. **COPYRIGHT:** (C)2002,JPO

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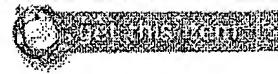
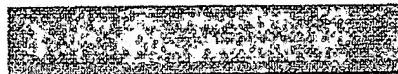
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**Search Result 2 of 16** [back](#) [next](#) PAJ 11-01-98 10301899 JP **ELECTRONIC EQUIPMENT AND INTERFACE CIRCUIT****INVENTOR(S)**- MIYAMURA, TOSHIHIKO**PATENT APPLICATION NUMBER**- 09106200**DATE FILED**- 1997-04-23**PUBLICATION NUMBER**- 10301899 JP**DOCUMENT TYPE**- A**PUBLICATION DATE**- 1998-11-13**INTERNATIONAL PATENT CLASS**- G06F01338; G06F00300; G06F01312**APPLICANT(S)**- CASIO COMPUT CO LTD**PUBLICATION COUNTRY**- Japan NDN- 043-0122-7265-3

**PROBLEM TO BE SOLVED:** To make it possible to use the electronic equipment even as both a host and a guest without providing two interfaces. **SOLUTION:** Relating to the electronic equipment having the interface circuit for connecting other equipment, the interface circuit is equipped with a USB (universal serial bus) connector 30 provided with terminals for connecting data lines D+ and D0- and a power line (Vcc, GND), a power source part 32 for supplying electric power through the power line, a switching part 32 which selectively connects pull-up resistances(R2) 44 and 48 and pull-down resistances (R1) 46 and 49 to the data lines D+ and D- respectively and switches the connection between the power source part 32 and power line (Vcc), and a USB control part 38 which controls the switching of the connections of the pull-up resistances(R2) and pull-down resistances(R1) with the data lines D+ and D- and the connection fo the power source part 32 with the power line (Vcc). **COPYRIGHT:** (C)1998,JPO

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BNI 03-25-98 02094989 **Latest Internet Via Powerlines Technology Launched in Europe**

**Annotated Title- Northern Telecom and Norweb launch upgrade Digital PowerLine technology, which allows Internet and data to be transmitted over electricity power lines, Germany**

**JOURNAL NAME-** Newsbytes News Network

1998-03-20

**PAGE-** N/A

**DOCUMENT TYPE-** Journal

**JOURNAL CODE-** NEWSNEWN

**ISSN-** 0983-1592

**AVAILABILITY NOTE-** THIS IS THE COMPLETE ARTICLE

**PUBLICATION COUNTRY-** United States

**SOURCE OF ARTICLE(S)-** Journal

**INDUSTRY-** Telecom equipment; Telecommunications

**WORD COUNT-** 544

**LANGUAGE-** English **NDN-** 173-0175-1738-0

The latest version of Digital PowerLine technology, which allows Internet and data to be transmitted over electricity power lines, has been launched in Hanover, Germany, by Nortel (Northern Telecom) and Norweb. The upgraded DPL 1000 version is based on a stand-alone unit connected to the power supply by standard coaxial cable and then linked to the data world via standard Ethernet cables. The system gives electricity users high speed access to data communications services, linking their computers to the world over existing electricity mains. Connection speeds of at least one megabit per second are said to be at least ten times faster than ISDN. As the new technology has standard interfaces such as Ethernet and Universal Serial Bus (USB), several machines can be connected to a single DPL box simultaneously to create a local area network (LAN) in the home or office. The Digital PowerLine consists of a DPL 1000 mainstation, a DPL 1000 base station, a DPL 1000 coupling unit, and a DPL 1000 communications module. The full text further discusses the topic.

**GEOGRAPHIC DESCRIPTOR(S)-** European Union, (EUCX); Germany, (GER); Western Europe, (WEEX)

**PRODUCT DESCRIPTOR-** Telephone and telegraph apparatus, (366100)

**EVENT DESCRIPTOR-** All company; All product and service information; Joint venture; Product introduction

**more on citation**

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